AP3 Rec'd PCT/PTO 08 MAY 2008

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021 TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER **FMW-CP-PCT-US DESIGNATED/ELECTED OFFICE (DO/EO/US)** U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY PCT/EP2004/012650 14 November 2003 (14.11.2003) 09 November 2004 (09.11.2004) TITLE OF INVENTION: METHOD FOR SEPARATING CHEMICAL SUBSTANCES AND/OR PARTICLES, DEVICE AND USE THEREOF APPLICANT(S) FOR DO/EO/US: HARDT, Steffen Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371. This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a.

is attached hereto (required only if not communicated by the International Bureau). b.

has been communicated by the International Bureau. c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US). 6. ⊠ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. X is attached hereto. b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. ☐ has been communicated by the International Bureau. c. D have not been made; however, the time limit for making such amendments has NOT expired. d. \(\Boxed \) have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT 10. 🗆 Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 20. below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. 🗆 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. 🗆 A preliminary amendment. An application Data Sheet under 37 CFR 1.76. 15. 🗵 A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with pct rule 13ter.2 and 37 CFR 1.821-1.825. 18. □ A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. 🗆 A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4). 20.

Other items or information: Marked-Up Version of Substitute Specification

IAP20Rec'd PCTATO 08 MAY 2006

PTO-1390 (Rev. 12-2004) Approved for use through 3/31/2007. OMB 0651-0021

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFT). INTERNATIONAL APPLICATION NO. PCT/EP2004/012650						ATTORNEY'S DOCKET NUMBER FMW-CP-PCT-US	
The following fees are submitted:						CALCULATIONS	PTO use only
21. 🗵 Basic national fee\$300.00						\$300.00	
22. \(\sigma\) Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00						\$200.00	
23. \(\text{S}\) Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						\$500.00	·
TOTAL OF 21, 22 and 23 =						\$1,000.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						\$	
Total Sh	Total Sheets Extra sheets		Number of each additional 50 or fraction thereof (round up to a whole number)		RATE		
	24 -100 = 0/50 =				x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						\$	
CLAIMS NU		NUMBE		NUMBER EXTRA	RATE	\$	
Total C	Total Claims . 18 1		20=	0	× \$ 50.00	\$ 0.00	
Independent Claims		3-3	3=	0	× \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00						\$	
TOTAL OF ABOVE CALCULATION = \$0.00							
☐ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. \$							
SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from						\$1,000.00 \$	
the earliest claimed priority date (37 CFR 1.492(f)). +						,	
recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be						\$ 1,000.00	
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$	
TOTAL FEES ENCLOSED =						·	
Amount to be refunded:							\$
Amount to be charged: \$ \$							
a. 🗵 A check in the amount of \$1,000.00 to cover the above fees is enclosed.							
b. □	Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. 🗵	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit No. <u>08-3150</u> . A duplicate copy of this sheet is enclosed.						
d. □	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form . Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:							
Daniel J. Hudak, Jr.							
Hudak Shunk & Farine Co. LPA 2020 Front Street, Suite 307 NAME						udak, Jr.	
Cuyahoga Falls, Ohio 44221							
Tel: (330) 535-2220 -47,669						TION NUMBER	

Orec'd Petifio o 8 may 2006

CERTIFICATE UNDER 37 C.F.R. §1.10 OF MAILING BY "EXPRESS MAIL"

Applicant:

Steffen Hardt

International Application No.:

PCT/EP2004/012650

International Filing Date:

09 November 2004

Title:

METHOD FOR SEPARATING CHEMICAL SUBSTANCES AND/OR PARTICLES, DEVICE

AND USE THEREOF

Agent's Reference No.:

FMW-CP-PCT-US

Date:

May 8, 2006

EXPRESS MAIL RECEIPT NO.: EV 729416159 US

DATE OF DEPOSIT: May 8, 2006

The undersigned hereby certifies that the attached papers were deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

HUDAK, SHUNK & FARINE CO. LPA

Agent for Applicant

DJHjr/lb

Enclosures: Express Mail Certification

Return postcard

Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US)

Concerning a filing under 35 USC §371 (in duplicate)

Filing Fee by check of \$1,000.00

Unexecuted Declaration for Utility or Design Patent Application

Copy of International Application Published under the PCT

WO 2005/050185 A1 (26 pages including 9 pages of drawings)

Translation of International Application – 16 pgs

Submission of Substitute Specification form

Substitute Specification - 15 pages

Marked-Up Version of Substitute Specification - 15 pages Copy of International Search Report and Written Opinion

Information Disclosure Statement, Forms PTO-1449 and 16 refs.

Copy of form PCT/IB/301

IAPZOREC'OPGIFTO 08 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Steffen Hardt

International Application No.:

PCT/EP2004/012650

International Filing Date:

09 November 2004

For:

METHOD FOR SEPARATING CHEMICAL

SUBSTANCES AND/OR PARTICLES, DEVICE

AND USE THEREOF

Date:

May 8, 2006

Mail Stop PCT
Commissioner for Patents

P.O. Box 1450 Alexandria, VA 22313-1450

SUBMISSION OF SUBSTITUTE SPECIFICATION

Sir:

Please replace the specification as filed with the attached Substitute Specification in accordance with 37 CFR §1.52, §1.121(b)(3), and §1.125. The Substitute Specification includes no new matter. A Marked-Up Copy of the Substitute Specification is also attached as required showing all changes.

Respectfully submitted,

HUDAK, SHUNK & FARINE CO. LPA

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Attorney Docket No.: FMW-CP-PCT-US (I 1020 US)